

Claims:

1. A water based adhesive comprising a converted starch derivative having a flow viscosity of between about 7 and about 20 seconds.
2. The adhesive of claim 1 wherein the adhesive further comprises a salt, a humectant, and/or a resin emulsion.
3. The adhesive of claim 2 wherein the humectant is dextrose, maltose or corn syrup solids.
4. The adhesive of claim 1 wherein the starch derivative is an organic anhydride modified starch or an hydroxy propylated starch.
5. The adhesive of claim 4 wherein the starch derivative is an octenylsuccinic anhydride modified starch.
6. The adhesive of claim 4 wherein the starch derivative is an propylene oxide modified starch.
7. The adhesive of claim 4 which has of flow viscosity of from about 9 to about 12 seconds.
8. The adhesive of claim 1 wherein the starch is derivatized following the conversion thereof.
9. The adhesive of claim 1 wherein the starch is derivatized then the derivatized starch is converted.

10. The adhesive of claim 1 wherein the starch is converted using an aqueous conversion process.

11. The adhesive of claim 1 wherein the starch is converted by acid, oxidation or thermal treatment.

12. An article of manufacture comprising the adhesive of claim 1.

13. The article of claim 12 which is an envelope.

14. A method of making an envelope comprising applying the adhesive of claim 1 to an envelope blank.

15. The method of claim 14 wherein the envelope blank is at least partially folded.